

1645

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INFORMATION DISCLOSURE
STATEMENT

Examining Group 1645

Patent Application

Docket No. USF-104XC1

Serial No. 10/083,781

#4
08/09/02
AS

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : (not yet assigned)
Art Unit : 1645
Applicants : Michael Zaworotko, Brian Moulton
Serial No. : 10/083,781
Filed : February 25, 2002
For : Nanoscale Faceted Polyhedra

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Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§1.97 AND 1.98

Sir:

In accordance with 37 CFR §1.56, the references listed on the attached form PTO-1449 are being brought to the attention of the examiner for consideration in connection with the examination of the above-identified patent application. A copy of each cited reference is enclosed.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

Glenn P. Ladwig

Glenn P. Ladwig

Patent Attorney

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Gainesville, FL 32606-6669

GPL/mv

Attachments: Form PTO-1449; copies of references cited therein.

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/083,781
Filing Date	February 25, 2002
First Named Inventor	Michael J. Zaworotko
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	USF-104XC1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	U1	6,180,024	B1	Blackwood <i>et al.</i>	01-30-2001	All
	U2	6,187,440	B1	Wu	02-13-2001	All
	U3					
	U4					
	U5					
	U6					
	U7					
	U8					
	U9					
	U10					
	U11					
	U12					
	U13					
	U14					
	U15					
	U16					
	U17					

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	F1							
	F2							
	F3							
	F4							
	F5							
	F6							
	F7							
	F8							
	F9							
	F10							

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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Complete if Known

Applicati n Number	10/083,781
Filing Date	February 25, 2002
First Named Inv ntor	Michael J. Zaworotko
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	USF-104XC1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	ABOURAHMA, H. <i>et al.</i> "Hydroxylated nanoballs: synthesis, crystal structure, solubility and crystallization on surfaces" <i>Chem. Commun.</i> , 2001, 2380-2381.	
	R2	BOURNE, S.A. <i>et al.</i> "Self-assembly of nanometer-scale secondary building units into an undulating two-dimensional network with two types of hydrophobic cavity" <i>Angew. Chem. Int. Ed.</i> , June 2001, 40(11):2111-2113.	
	R3	JOTHAM, R.W. <i>et al.</i> "Antiferromagnetism in transition-metal complexes. Part IV. Low-lying excited states of binuclear copper (II) carboxylate complexes" <i>Dalton Trans.</i> , 1972, pp. 428-438.	
	R4	KATO, M. <i>et al.</i> "Copper(II) complexes with subnormal magnetic moments" <i>Chem. Rev.</i> , 1964, 64(2):99-128.	
	R5	LU, J. <i>et al.</i> "Polygons and faceted polyhedra and nanoporous networks" <i>Angew. Chem. Int. Ed.</i> , 2001, 40(11):2113-2116.	
	R6	MOULTON, B. <i>et al.</i> "Nanoballs: nanoscale faceted polyhedra with large windows and cavities" <i>Chem. Commun.</i> , 2001, 863-864.	
	R7	MOULTON, B. and M. ZAWOROTKO "From molecules to crystal engineering: supramolecular isomerism and polymorphism in network solids" <i>Chem. Rev.</i> , June 2001, 101(6):1629-1658.	
	R8	SUN, S.H. <i>et al.</i> "Monodisperse FePt Nanoparticles and Ferromagnetic FePt Nanocrystal Superlattices" <i>Science</i> , March 17, 2000, 287:1989-1992.	
	R9	TAMURA, H. <i>et al.</i> "Semiconductor Ferromagnetism in Quantum Dot Array" <i>Phys. Status Solidi B.</i> , March 19, 2001, 224(3):723-725.	
	R10	YAGHI, O.M. <i>et al.</i> "Synthetic strategies, structure patterns, and emerging properties in the chemistry of modular porous solids" <i>Acc. Chem. Res.</i> , 1998, 31(8):474-484.	
	R11	ZHANG, X.X. <i>et al.</i> "Cooperative magnetic behavior in the coordination polymers [Cu ₃ (TMA) ₂ L ₃] (L = H ₂ O, pyridine)" <i>J. Appl. Phys.</i> , May 1, 2000, 87(9):6007-6009.	
	R12		
	R13		

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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